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ABSTRACT

A survey of the 2,005 Fall, 1979, entering students at Kapiolani Community College (KCC) was conducted to determine: (1) reasons for attending college, (2) educational and vocational goals, (3) work experience, (4) factors which might affect student success, and (5) student perceptions of their academic preparation. The survey, administered via a questionnaire included in registration packets, achieved a 53% response rate. Of the respondents, 44% were liberal arts majors, 63% were female, 50% were below 19 years of age, and 56% were full-time students. Survey findings indicate that only 22% of the respondents had any work experience related to their fields of study, and that the major reasons for attending college were preparation for a career, attainment of a certificate or degree, transfer to a four-year college, and life enrichment. The majority of the respondents (61%) were not worried about college expenses; major sources of funding included job and/or savings (57%) and support from relatives (46%). Most of the respondents (81%) maintained a C or B average during high school, and their perception of their job and/or academic preparation was positive. The survey report includes several data tables and is appended by a sample survey instrument. (JP)

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RESULTS OF THE FALL 1979 ENTERING STUDENT SURVEY

Report 3

Student Flow Program

December 1979

Office of the Provost
Kapiolani Community College
University of Hawaii
Honolulu, Hawaii

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A. Introduction

Information from an entering student survey can be helpful to personnel engaged in program/services evaluation and planning. Since these types of activities, supported by an AIDP grant,[1] were to be undertaken at Kapiolani Community College, plans were laid in late July to administer an Entering Student Survey to the Fall 1979 entering group.

1. Purposes

The main purpose of surveying a group of entering students is to obtain more data on their personal and academic characteristics.[2] This is especially needed because we do not have information on the performance of our students in high schools.

Also, it is hoped that these data can be used with data already available to:

a. explore the relationship between student success at KCC and responses on items regarding the student's high school grade point average and preparation in various areas.

b. make predictions about student enrollment during the following (Spring) semester.

As a result of our experience with the Fall 1979 Entering Student Survey, appropriate revisions will be made to the Fall 1980 questionnaire. The reader is reminded that the Fall 1980 entering group will be the focus of KCC's Student Flow Program.

2. Plan for Analysis

Our tight schedule required us to contact the entering students at the time of registration. We had been warned that this action would probably affect our rate of return because registration is often a hectic time for entering students. Despite this handicap we hoped for at least a 65 percent return.

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[1]"Student Flow Program," Advanced Institutional Development Program Grant for Four Years Support, July 1, 1978, to June 30, 1982.

[2]KSFP Report No. 2 details, from data already available to the college, the characteristics of the Fall 1979 entering students.

The plan for analysis included (a) tests of representativeness, i.e., comparing respondents and non-respondents on the following characteristics: sex, entry age, enrollment status, educational objective, and program; (b) cross tabulations of responses by program and any of the above characteristics on which respondents are representative of the total. Chi-square analysis was to be applied through the use of SPSS (Statistical Package for the Social Sciences).

After keypunching all questionnaires would be returned to the chairmen of the various programs, with an indication only of the students' majors.

3. Organization of this Report

Responses to each item in the survey are summarized in this report. (See Findings.) Based on these data, a few conclusions are presented. In addition, the appendix includes further details for all items.

B. Conduct of the Survey

1. Identification of Entering Students

Identification of entering students was done with computer support through the Management Systems Office (MSO). The data base maintained there was used to prepare a set of labels which were then affixed to the surveys. The "labeled surveys" were then placed in the appropriate registration packets.

2. Administration of Entering Student Survey

On August 20 and 21, each entering student received the survey, accompanied by an explanatory note, in his registration packet. (See Appendix A for a copy of the Entering Student Survey.)

Of the surveys returned, the majority (88 percent) came from students as they completed their registration and paid their fees. Students were also informed that surveys could be turned in later to the Student Services Center on the Pensacola Campus and to the library on the Diamond Head Campus. Surveys "trickled" in until September 10 when the last survey was received.

Surveys were edited and were coded according to predetermined codes. These were then keypunched by the University's Computing Center.

C. The Returns

1. Percentage of Returns

While 1,264 surveys were taken for keypunching, only 1,072 (54 percent) matched official records for entering students. Since procedures for registration assign new, transfer, and returning students to register as a group, it is possible that the "extra" surveys came from returning students or from entering students no longer registered in the sixth week of the semester when the official enrollment count is taken.

2. Representativeness of Respondents

Data on the representativeness of returns are found in Table 1. Respondents did not differ significantly from non-respondents on only one characteristic: sex. Higher proportions of the following groups were found among the respondents than the entering student population:

- students below 19 years (50 percent vs. 43 percent)
- full-time students (56 percent vs. 49 percent)
- AS degree students (37 percent vs. 34 percent)

The data also show that there was only one (out of twenty-six) legal assistant student who responded; this is due to differences in registration for this group. In view of this return, the findings will exclude the legal assistant program.

TABLE 1
REPRESENTATIVENESS DATA
ENTERING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
FALL 1979

Characteristics[a]	Entering Student Population		Respondents		Non-Respondents	
	No.	V%	No.	V%	No.	V%
TOTAL	2005	*100.0*	1072	*100.0*	933	*100.0*
PROGRAM***						
Liberal Arts	886	*44.2*	475	*44.3*	411	*44.1*
Business	503	*25.1*	288	*26.9*	215	*23.0*
Food/Hotel Services	126	*6.3*	78	*7.3*	48	*5.1*
Health Services	274	*13.7*	168	*15.7*	106	*11.4*
Legal Assistant	26	*1.3*	1	*.1*	25	*2.7*
Unclassified	190	*9.5*	62	*5.8*	128	*13.7*
SEX						
Female	1229	*61.3*	672	*62.7*	557	*59.7*
Male	776	*38.7*	400	*37.3*	376	*40.3*
AGE***						
Below 19 years	858	*42.8*	546	*50.1*	312	*33.4*
19-21 years	500	*24.9*	261	*24.3*	239	*25.6*
22-24 years	238	*11.9*	108	*10.1*	130	*13.9*
25-29 years	209	*10.4*	86	*8.0*	123	*13.2*
Over 29 years	200	*10.0*	71	*6.6*	129	*13.8*
ENROLLMENT STATUS***						
Full-time	974	*48.6*	595	*55.5*	379	*40.6*
Part-time	1031	*51.4*	477	*44.5*	554	*59.4*
EDUCATIONAL OBJECTIVE***						
None	190	*9.5*	62	*5.8*	128	*13.7*
Certificate	251	*12.5*	144	*13.4*	107	*11.5*
AS	677	*33.8*	391	*36.5*	286	*30.7*
AA	887	*44.2*	475	*44.3*	412	*44.2*

[a]Levels of significance, based on chi-square analysis, are denoted thus:
* .05, ** .01, *** .001.

D. Findings

The results of the Entering Student Survey are presented in two sections. The first deals generally with items related to the college plans of entering students, e.g., their reasons for coming to college and for selecting Kapiolani Community College, their plans regarding highest degree and occupation, and their work experience. The second section relates to factors which may affect college success and includes data on financial concerns and sources of support, present employment, approximate high school grade point average and self-perceptions regarding previous preparation in various areas (math, study skills, etc.), and selected events (attend classes regularly, change major, etc.).

1. Nature of College Plans

Five items in the survey dealt with the nature of the student's college plans. For convenience, the items will be discussed in chronological order, as they appeared in the survey.

a. Reasons for Attending College (Item 1)--Data are reported in two ways: the single most important reason and all reasons for attending college.[3]

Responses to the single most important reason differed significantly by program only (Appendix B, Table B-1). The dominant reasons were:

468	44%	prepare for a career
158	15%	get a certificate or degree
147	14%	transfer to a four-year college

Vocational education majors, especially in health (62 percent), food/hotel (55 percent), and business (49 percent) were attending college to prepare for careers. As expected, greater proportions of liberal arts majors (24 percent) than vocational education majors indicated their most important reason as transfer to a four-year college.

The tallies of all reasons for attending college (Appendix B, Table B-1) reveal the same rank in choice for the great majority of items. The top five reasons were:

800	75%	prepare for a career
627	59%	get a certificate or degree
385	36%	transfer to a four-year college
351	33%	enrich daily life
309	29%	meet people and make friends

---

[3]It should be noted that 203 students (19 percent) did not identify their most important reason.

b. Reasons for Selecting this College (Item 2)--Data are reported in two ways: the single most important reason and all important reasons for selecting Kapiolani.[4]

Responses to the single most important reason differed significantly by program only (Appendix B, Table B-2). The dominant responses were:

288	27%	desired courses
177	17%	close and convenient location

Health majors (68 percent), in contrast to liberal arts majors (13 percent), attend Kapiolani because of the courses offered. A high proportion of unclassified students (31 percent) find Kapiolani's location close and convenient.

The tallies of all important reasons (Appendix B, Table B-2) reveal the same rank in choice for the great majority of items. The top five reasons were:

493	46%	desired courses
416	39%	close and convenient location
331	31%	low tuition
298	28%	advice of former students, friends
255	24%	good reputation of KCC

c. Choice of Career/Occupation (Item 5)

Students were asked to indicate their choice of career or occupation. The top two responses (Appendix B, Table B-3) were:

197	18%	clerical
196	18%	service, including food and beverage and health assisting occupations

Noteworthy is the fact that 319 students (30 percent) did not identify the career or occupation they plan to enter. This is especially true of liberal arts majors (223 students).

[4]It should be noted that 211 students (20 percent) did not identify their most important reason.

d. Intention on Highest Degree (Item 6)

As expected, students differed significantly, by program and by sex, on the highest college degree they planned to seek (Appendix B, Table B-4). Two degrees were selected most often:

305	*29%*	bachelor's
231	*22%*	associate

The percentages seeking the bachelor's degree were especially high for liberal arts majors (36 percent) and males (33 percent); the associate degree for food/hotel (34 percent) and business (33 percent) majors and for females (25 percent). Finally, it is important to note that 192 students (18 percent) plan to work toward post-graduate degrees. This number includes many liberal arts majors (120) and males (99).

e. Work Experience in Major Field (Item 8)

Students were asked to indicate whether they have worked in their field of study. Data show that responses differed by program and sex (Appendix B, Table B-5). The responses were:

678	*63%*	no
129	*12%*	yes, but not right now
111	*10%*	yes, right now
153	*14%*	no data (including those uncertain about their majors)

Health majors (71 percent) and females (65 percent) have had no experience in their major field of study. In contrast are food/hotel majors (31 percent) and males (23 percent) who have had previous or current experience. (See Table 2.)

TABLE 2

WORK EXPERIENCE IN MAJOR FIELD
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

Have you worked in the field you'll be majoring in?[a]	Total No.	V%	Range:	Program***		Higher Proportion: Sex*
TOTAL	1071	*100*				
No	678	*63*	*71%* health	*57%*	unclassified	*65%* female
Yes; working in same field now	111	*10*	*17%* food/hotel	*7%*	liberal arts	*13%* male
Yes; but not right now	129	*12*	*16%* business	*9%*	liberal arts	*13%* female
Can't answer; not sure of major	99	*9*	*18%* liberal arts	*0%*	health	*10%* male
No response	54	*5*	*6%* liberal arts	*4%*	business, health	*7%* male

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

2. Selected Factors Which May Affect College Success

The remaining six items in the survey are selected factors which may affect college success. Again, for convenience, the items will be discussed in chronological order, as they appeared on the survey, except Item 9.

a. Concern About College Expenses (Item 3)

Students were asked to indicate whether they were "worried" about paying for their tuition, books, and supplies. Their responses were:

657	61%	not worried
303	28%	somewhat worried
63	6%	worried and asked for financial aid
36	3%	worried but did not ask for financial aid

Students, by program and by sex, did not differ significantly in their response. (See Appendix C, Table C-1.)

b. Source(s) of Financing First Year of College (Item 4)

Students identified all the sources of financing their first year of college (multiple responses) with the following results:

612	57%	job and/or savings
497	46%	parents and/or relatives, including spouse
116	11%	financial aid from the college
86	8%	benefits (GI, social security, etc.)

We should note that students in all programs relied on the top two sources cited above. For further details, by program, see Appendix C, Table C-2.

c. Present Employment Status (Item 7)

Students were asked to indicate if they were "now working in a paying job." Responses differed by program and by sex (Appendix C, Table C-3). The two popular responses were:

429	40%	yes, part-time
348	33%	no, but I have worked for pay in other years

A majority of the respondents are now working (40 percent, part-time and 15 percent, full-time), including especially high proportions of the following: unclassified students (71 percent) and males (60 percent).

Additional data, including a breakdown of whether a job is on- or off-campus, are included in Table 3. Of those who are now working (594), a great majority (91 percent) are working off-campus.

TABLE 3

PRESENT EMPLOYMENT STATUS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

Note: Omitted from the table are the numbers of students who did not respond. However, percentages are based on the total who completed their questionnaire (1,071).

Are you now working in a paying job?[a]	Total No.	Total V%	Range:	Program**		Higher Proportion: Sex***
No, I have never worked for pay	80	8	9%	business	2% unclassified	10% female
No, I have worked for pay in other years	348	33	44%	health	24% unclassified	34% female
Yes, part-time[b]	429	40	46%	food/hotel	30% health	41% male
on campus	8					
off campus	390		74%	food/hotel	54% health	
Yes, full-time[b]	165	16	29%	unclassified	12% food/hotel	19% male
on campus	1					
off campus	152		39%	health	17% food/hotel	

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Some students failed to indicate whether they are employed on or off campus.

d. Approximate Average Grade in High School (Item 10)

Responses to this item differed significantly by program and by sex (Appendix C, Table C-4). Highlights of these data are contained in Table 4.

The majority of students indicated their average high school grade as being either "B" or "C":

44%	C	(2.0 - 2.9)
37%	B	(3.0 - 3.5)

Health majors (67 percent) estimated their high school GPA in the "A" and "B" range, as contrasted to food/hotel majors (35 percent).[5] Females (48 percent) also indicated "A" and "B" averages.

TABLE 4

APPROXIMATE AVERAGE GRADE IN HIGH SCHOOL
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

Note: This summary combines the numbers of students who did not respond with those who indicated "no idea."

Approximate Average Grade in High School[a]	Total No.	V%	Range: Program***			Higher Proportion: Sex***	
TOTAL	1071	100					
A above 3.5	57	5	14%	health	3% food/hotel	7%	female
B 3.0 - 3.5	391	37	53%	health	32% food/hotel liberal arts	40%	female
C 2.0 - 2.9	471	44	52%	food/hotel	27% health	51%	male
D 1.0 - 1.9	18	2	3%	unclassified	0% health	3%	male
No data/No idea	134	13	21%	unclassified	6% health	13%	male

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

e. Self-Perceptions Regarding Preparation in Selected Areas (Item 11)

Students were asked to rate how well prepared they felt in several areas. The results are summarized in Table 5. Responses to all but one (job skills) of the selected areas were found to differ significantly, by program, and on three (math skills, science, study habits), by sex.

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[5]It should be noted that there are special admission requirements for admission to most health programs.

TABLE 5

RATINGS ON PREPARATION
IN EIGHT SELECTED AREAS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

AREA	Characteristic[a]		Total (N = 1,071)									
			Very Well		Adequately		Poorly		Not at All		No Data[b]	
	Prog	Sex	No.	H%	No.	H%	No.	H%	No.	H%	No.	H%
Math Skills	**	***	107	10	634	59	211	20	31	3	88	8
Reading	***		176	16	655	61	137	13	16	2	87	8
Writing	**		140	13	671	63	153	14	15	1	92	9
Science	**	***	60	6	606	57	258	24	44	4	103	10
Hist/Soc Stud	**		81	8	699	65	170	16	14	1	107	10
Job Skills			185	17	655	61	94	9	23	2	114	11
Music/Art	*		146	14	495	46	235	22	85	8	110	10
Study Habits	**	***	100	9	670	63	183	17	17	2	101	9

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001.

[b]Included in these numbers are 46 surveys for which the respondents failed to complete the second page.

For all areas but music/art (46 percent), a majority of the students felt their preparation was adequate. This is especially true for history and social studies (65 percent). Students felt "very well" prepared in job skills (17 percent) and reading (16 percent). It is also noteworthy that except in the area of job skills (9 percent) at least an eighth of the students felt their preparation was poor; this is especially true for science (24 percent).

Reading and job skills were among the highest ranked (adequate or better preparation) areas for all programs, especially for health (94 percent and 83 percent, respectively). Table 6 presents the combined rankings for adequate or better preparation. The combined ranking for music/art was the lowest for all programs except unclassified students (science, 50 percent).

TABLE 6

ADEQUATE OR BETTER (COMBINED) PREPARATION
IN EIGHT SELECTED AREAS, BY PROGRAM
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

AREA	Liberal Arts (475)		Business (288)		Health (78)		Food/Hotel (168)		Unclassified (62)	
	No.	%	No.	%	No.	%	No.	%	No.	%
Math Skills	314	66	213	74	66	85	110	66	38	61
Reading	360	76	221	77	73	94	130	77	47	76
Writing	358	75	217	75	69	88	121	72	46	74
Science	301	63	171	59	66	85	97	58	31	50
Hist/Soc Stud	346	73	204	71	68	87	125	74	37	60
Job Skills[a]	365	77	229	80	65	83	132	79	49	79
Music/Art	296	62	169	59	56	72	86	51	34	55
Study Habits	327	69	221	77	69	87	116	69	37	60

[a]On this item only, there were no significant differences, by program.

Health majors, except for music/art (72 percent), consistently rated their preparation highly, especially in the area of reading (94 percent). Noteworthy is the fact that health majors had the highest proportions of "adequate or better" preparation for all eight areas. The ratings of the unclassified students, in contrast, were at the lower end of the range in five of the eight areas (except: reading, writing, job skills).

A short discussion follows on the items which showed significant differences, by sex: over 60 percent of the females felt adequately prepared in math skills and study habits, while 60 percent of the males felt adequately prepared in science.

The findings in this section highlight selected data in Appendix C, Table C-5. Campus personnel are urged to carefully study the details to obtain a clearer picture of their clientele and the demands on their subject area.

f. Self-Perceptions Regarding Likelihood of Selected Events (Item 9)

Students were presented with a list of circumstances and asked to indicate their applicability or likelihood of occurrence. The responses, summarized in Table 7, show that the items fall into two groups. The first group includes six items with at least a one-third "likelihood" rate, ranging from "transfer to another college" (33 percent) to "attend classes regularly" (83 percent). About half indicated they would "make at least a B average" and would "be satisfied with KCC." Among items in the second group are three items with a 1 percent or less likelihood rate: "drop out temporarily," "fail one or more courses," "drop out after one semester."

TABLE 7

SELF-PERCEPTIONS REGARDING LIKELIHOOD OF SELECTED EVENTS[a]
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

Note: The following percentages show the proportion of students who, by checking the item, answered "yes."

"Chances are very good that you will":	Yes (total) N	V%	Range: Program				Higher Proportion: Sex	
Total	1071	100						
Attend classes regularly	886	83	95%	health	77%	unclassified	85%	female
Make at least a B average	546	51	73%	health	46%	liberal arts		--
Be satisfied with KCC	522	49	77%	health	42%	liberal arts	52%	female
Get a degree from KCC	456	43	82%	health	18%	unclassified	47%	female
Transfer to another college	353	33	50%	liberal arts	17%	health	41%	male
Change major field of study	132	12	19%	liberal arts	1%	health		--
Seek job counseling	184	17	19%	food/hotel	5%	health		
Need tutoring	77	7						
Drop out temporarily	6	1						
Fail one or more courses	8	1						
Drop out after this semester	2	<1						
Find work in major field	424	40	73%	health	23%	unclassified	43%	female

[a]Range/higher proportion given only when responses differed significantly by program or by sex.

Responses to all of the six top ranked items were found to differ significantly by program (Appendix C, Table C-6). Health majors seemed especially determined about the pursuit of their education at Kapiolani, as reflected by several items: "attend classes regularly" (95 percent), "get a degree from KCC" (82 percent), "be satisfied with KCC" (77 percent), "make at least a B average" (73 percent), "find work in major field" (73 percent). As expected, higher proportions of liberal arts majors planned to "transfer to another college" (50 percent) and "change major field of study" (19 percent).

Responses to five of the six top ranked items, except "make at least a B average," were found to differ significantly by sex. Females had higher likelihood rates, except for "transfer to another college" (males, 41 percent).

The data in Table 7 represent a small fraction of what is available in Appendix C, Table C-6. Campus personnel are urged to study the details on students in their program.

E. Summary and Concluding Comments

While we know something about the 2,005 Fall 1979 entering students[6], we now know a little more about the 1,071[7] students who responded to the Entering Student Survey:

1. Profile of Respondents

In general, Fall 1979 entering students who responded (the majority or plurality) to the survey were:

44% majors in liberal arts; business, *27%*
63% females
50% below 19 years old
56% full-time students

These students also said they were:

• attending college to prepare for a career	*75%*	
• seeking as their highest degree	*29%*	bachelor's
	22%	associate
	18%	post baccalaureate
• attending KCC because of	*46%*	courses offered
	39%	close and convenient location
• not worrying about college expenses	*61%*	
• relying on their wages or savings for financing their first year of college	*57%*	
• lacking experience in work related to their field of study	*63%*	
• working	*40%*	part-time
	15%	full-time

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[6]"Selected Characteristics of Fall 1979 Entering Students," KSFP Report No. 2, November 1979.

[7]Only one (out of twenty-six) legal assistant student responded. In view of this, the findings excluded the legal assistant program.

Another set of questions sought the self-perceptions of respondents in several areas related to their academic preparation and likelihood of selected events occurring. The respondents felt that they:

- maintained grade point averages in high school of:

  44% C
  37% B

- were adequately or better prepared in eight selected areas:

  78% job skills
  77% reading
  76% writing
  72% history, social studies
  72% study habits
  69% math skills
  63% science
  60% music, art

About a third or more of the respondents also felt that there was a very good chance of the following six (out of twelve) events taking place:

83% attend classes regularly
51% make at least a B average
49% be satisfied with KCC
43% get a degree from KCC
40% find work in major field
33% transfer to another college

2. Concluding Comments

What is noteworthy is the fact that the respondents indicated goals which were serious and related to their future activities. Their self-perceptions were generally positive. This may, in part, be attributed to the fact that one-half of the respondents were below 19 years of age.[8]

However, it should also be noted that when asked to single out the most important reason for being in school or for choosing KCC, the numbers, for even the top choices, were relatively low (prepare for a career, 44 percent, and desired courses, 27 percent, respectively). To some extent, these percentages are low because a fifth of the respondents failed to indicate their most important reason.

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[8]Of the total entering group, 43 percent were below 19 years of age.

EAGLE-A

Similarly, while a half of the respondents said they would be satisfied with KCC, only a fourth selected KCC because of "good reputation of college" and slightly more (28 percent) on "advice of former students, friends."

Finally, some thought should be given to the rather low estimate of needs perceived by respondents for job counseling and tutoring.

We hope that campus personnel will find these findings helpful. However, the results of this survey should not be viewed as ends in themselves. Several items were deliberately included in the survey to test their effectiveness in predicting second-semester enrollment.

APPENDIX A

ENTERING STUDENT SURVEY
Kapiolani Community College
Fall 1979

Dear Entering Student:

Welcome to Kapiolani Community College!

We are especially interested in getting to know our students and their needs. You can help by supplying us with information at different times during the school year to help evaluate and improve what we're doing.

After you have completed all phases of your registration, we would also like you to complete the Entering Student Survey before you leave, but if you are unable to do so, please drop it off at Pensacola Student Services Center, Bldg. 851 or Diamond Head Library, Bldg. 933 on the first day of your classes. If we do not receive your survey form, we will need to follow up with another request for your assistance.

We hope you will take a few minutes to answer the questionnaire. Thank you very much for your help.

Sincerely,

Joyce S. Iwanaga
Provost

1. Why are you coming to College? (Check all that apply; then circle the single most important reason.)

___1. get a degree or certificate
___2. prepare for a career
___3. increase chances for a raise and/or promotion in my present job
___4. prepare for transfer to a four-year college
___5. learn skills for enriching my daily life
___6. improve my ability to get along with people
___7. become involved in campus activities
___8. develop self-confidence
___9. meet people and make friends
___10. satisfy wishes of parents

2. Which reasons were very important to you in selecting this college? (Check all that apply; then circle the single most important reason.)

___1. wishes of parents and/or other relatives
___2. advice of teachers, counselors
___3. good reputation of college
___4. advice of former students, friends
___5. close and convenient location
___6. this college has courses I want
___7. low tuition

3. Are you worried about how to pay for your tuition, books, and supplies? (Check one)

___1. no
___2. somewhat
___3. yes, a lot. Have you applied for financial aid? yes__ no__

4. You will get money for your first year of college from: (Check all that apply.)

___1. your full-time or part-time job; and/or your savings
___2. parents and/or relatives, including spouse (husband or wife)
___3. financial aid from the college
___4. GI and/or social security and other benefits
___5. other, please indicate: _____

5. What career or occupation are you planning to enter? (e.g. clerk/secretary, cook, nurse, teacher)

_____

PLEASE TURN OVER AND CONTINUE

6. What is the highest degree you plan to obtain from any college? (Check one)

___1. none
___2. certificate
___3. associate
___4. bachelor's
___5. master's
___6. doctor's or professional degrees
___7. other; please specify _____

7. Are you now working in a paying job? (Check one)

___1. no; I have never worked for pay
___2. no; but I have worked for pay in other years
___3. yes; part-time for _____ (Employer) as _____ (Job Title) for about ___ years.
___4. yes; full-time (35 hours or more) for _____ (Employer) as _____ (Job Title) for about _____ years.

8. Have you worked in the field you'll be majoring in? (Check one)

___1. no
___2. yes; working in same field now
___3. yes; worked in the field before (but not right now)
___4. can't answer; I'm not sure what I'll major in

9. The chances are very good that you will: (Check all that apply)

___1. attend classes regularly
___2. make at least a B average in this college
___3. be satisfied with this college
___4. get the degree you seek from this college
___5. transfer to another college
___6. change major field of study
___7. seek counseling about what job to choose
___8. need tutoring
___9. temporarily stop coming to college
___10. fail one or more courses
___11. drop out after this semester
___12. find a job in your field of study after graduation

10. Your average grade in high school was approximately: (Check one)

___1. A (above 3.5)
___2. B (3.0-3.5)
___3. C (2.0-2.9)
___4. D (1.0-1.9)
___5. no idea

11. How well prepared do you feel in the following areas: (Check one response for each area.)

Area	1. Not at all	2. Poorly	3. Adequately	4. Very Well
1. math skills				
2. reading				
3. writing				
4. science				
5. history, social studies				
6. job skills				
7. music and/or art skills				
8. study habits				

Mahalo!

APPENDIX B

TABLES RELATED TO NATURE OF COLLEGE PLANS

Table		Page
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TABLE B-1

REASONS FOR ATTENDING COLLEGE
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

MOST IMPORTANT REASON / COUNT / COL PCT	IORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX[b] FEMALE	MALE
NO DATA	97 20.4	56 19.4	10 12.8	30 17.9	10 16.1	203 19.0	125 18.6	78 19.5
GET CERT-DEGREE	65 13.7	48 16.7	16 20.5	21 12.5	8 12.9	158 14.8	97 14.4	61 15.3
PREP FOR CAREER	161 33.9	142 49.3	48 61.5	92 54.8	25 40.3	468 43.7	314 46.7	154 38.6
RAISE - PROMOT'N	5 1.1	4 1.4	2 2.6	7 4.2	4 6.5	22 2.1	11 1.6	11 2.8
TRANSFR 4-YR COL	113 23.8	17 5.9	2 2.6	6 3.6	9 14.5	147 13.7	77 11.5	70 17.5
ENRICH LIFE	18 3.8	15 5.2	0 0.0	8 4.8	4 6.5	45 4.2	30 4.5	15 3.8
GET ALONG-PEOPLE	3 0.6	1 0.3	0 0.0	0 0.0	1 1.6	5 0.5	3 0.4	2 0.5
CAMPUS ACTIVITY	0 0.0	0 0.0	0 0.0	1 0.6	0 0.0	1 0.1	0 0.0	1 0.3
DEV. CONFIDENCE	5 1.1	2 0.7	0 0.0	2 1.2	1 1.6	10 0.9	7 1.0	3 0.8
MEET PEOPLE	1 0.2	2 0.7	0 0.0	0 0.0	0 0.0	3 0.3	2 0.3	1 0.3
SATISFY PARENTS	7 1.5	1 0.3	0 0.0	1 0.6	0 0.0	9 0.8	6 0.9	3 0.8
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 131.44064 WITH 40 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
[b] RAW CHI SQUARE = 14.61308 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1468

ALL REASONS FOR ATTENDING COLLEGE

	GET DEGREE OR CERT.		PREPARE FOR CAREER		RAISE-PROMOTION		TRANSFER 4-YR COL		ENRICH LIFE	
LIB ARTS	246	51.7	338	71.1	49	10.3	255	53.6	152	32.0
BUSINESS	197	68.4	217	75.3	43	14.9	70	24.3	102	35.4
HEALTH	60	76.9	65	83.3	8	10.2	11	14.1	23	29.4
FS-HOTEL	103	61.3	140	83.3	28	16.6	28	16.6	56	33.3
PUB. SER										
UNCLASS.	21	33.8	40	64.5	8	12.9	21	33.8	18	29.0
TOTAL	627	58.5	800	74.6	136	12.6	385	35.9	351	32.7

	GET ALONG W/ PEOPLE		CAMPUS ACTIVITIES		DEVELOP CONFIDENCE		MEET PEOPLE		SATISFY PARENTS		TOTAL
LIB ARTS	88	18.5	36	7.5	101	21.2	135	28.4	80	16.8	1480
BUSINESS	49	17.0	14	4.8	65	22.5	89	30.9	41	14.2	887
HEALTH	16	20.5	3	3.8	21	26.9	23	29.4	8	10.2	238
FS-HOTEL	37	22.0	15	8.9	46	27.3	53	31.5	27	16.0	533
PUB. SER											
UNCLASS.	8	12.9	3	4.8	7	11.2	9	14.5	3	4.8	138
TOTAL	198	18.4	71	6.6	240	22.4	309	28.8	159	14.8	3276

TABLE B-2

REASONS FOR SELECTING KAPIOLANI
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

MOST IMPORTANT REASON	IORGSTRC [a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX [b] FEMALE	MALE
NO DATA	110 23.2	56 19.4	12 15.4	25 14.9	8 12.9	211 19.7	129 19.2	82 20.6
PARENT'S WISHES	25 5.3	17 5.9	0 0.0	3 1.8	3 4.8	48 4.5	31 4.6	17 4.3
TEACHER'S ADVICE	50 10.5	21 7.3	2 2.6	15 8.9	6 9.7	94 8.8	57 8.5	37 9.3
GOOD REPUTATION	33 6.9	29 10.1	0 0.0	25 14.9	2 3.2	89 8.3	50 7.4	39 9.8
FORMER STUDENTS	52 10.9	18 6.3	4 5.1	12 7.1	7 11.3	93 8.7	53 7.9	40 10.0
GOOD LOCATION	102 21.5	31 10.8	4 5.1	21 12.5	19 30.6	177 16.5	109 16.2	68 17.0
DESIRED COURSES	60 12.6	99 34.4	53 67.9	62 36.9	14 22.6	288 26.9	202 30.1	86 21.6
LOW TUITION	43 9.1	17 5.9	3 3.8	5 3.0	3 4.8	71 6.6	41 6.1	30 7.5
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 181.85429 WITH 28 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0
[b] RAW CHI SQUARE = 11.03712 WITH 7 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1370

ALL REASONS FOR SELECTING KAPIOLANI

	WISHES OF PARENTS		ADVICE OF TEACHERS		REPUTATION OF COLLEGE	
LIB ARTS	62	13.0	113	23.7	103	21.6
BUSINESS	37	12.8	67	23.2	83	28.8
HEALTH	1	1.2	7	8.9	11	14.1
FS-HOTEL	14	8.3	47	27.9	50	29.7
PUB. SER						
UNCLASS.	4	6.4	8	12.9	8	12.9
TOTAL	118	11.0	242	22.5	255	23.8

	FORMER STUDENTS		GOOD LOCATION		DESIRED COURSES		LOW TUITION		TOTAL
LIB ARTS	151	31.7	213	44.8	130	27.3	152	32.0	924
BUSINESS	82	28.4	108	37.5	166	57.6	89	30.9	632
HEALTH	15	19.2	16	20.5	70	89.7	27	34.6	147
FS-HOTEL	39	23.2	51	30.3	102	60.7	48	28.5	351
PUB. SER									
UNCLASS.	11	17.7	28	45.1	25	40.3	15	24.1	99
TOTAL	298	27.8	416	38.8	493	46.0	331	30.9	2153

TABLE B-3

CHOICE OF CAREER/OCCUPATION
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

COUNT / ORGSTRC	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLAS-SIFIED	ROW TOTAL
NO DATA	223	41	2	23	30	319 29.8
EXECUTIVE, ADMIN	47	17	0	13	3	80 7.5
ENG, ARCHITECT	4	2	0	0	0	6 0.6
NAT. SCI., MATH	4	0	0	0	1	5 0.5
SOCIAL WORK, LAW	42	3	0	3	1	49 4.6
HLTH DIAG-TREAT	7	0	2	0	1	10 0.9
RN, PHARMACIST	15	0	7	1	5	28 2.6
ARTIST, ENTER.	18	0	0	0	0	18 1.7
HEALTH TECH.	15	0	41	1	6	63 5.9
TECH.-NOT HEALTH	13	49	0	2	0	64 6.0
MARKETING, SALES	3	23	0	1	1	28 2.6
CLERICAL	29	150	1	10	7	197 18.4
13 SERVICE	49	2	25	114	6	196 18.3
14 AGRIC., FISHING	2	0	0	0	1	3 0.3
21 MISCELLANEOUS	4	1	0	0	0	5 0.5
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0

TABLE B-4

INTENTION ON HIGHEST DEGREE
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

	COUNT / COL PCT	ORGSTRC [a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX [b] FEMALE	MALE
NO DATA		64 13.5	23 8.0	4 5.1	19 11.3	6 9.7	116 10.8	70 10.4	46 11.5
NONE		22 4.6	12 4.2	2 2.6	4 2.4	6 9.7	46 4.3	28 4.2	18 4.5
CERTIFICATE		39 8.2	63 21.9	19 24.4	40 23.8	4 6.5	165 15.4	126 18.8	39 9.8
ASSOCIATE		54 11.4	96 33.3	16 20.5	57 33.9	8 12.9	231 21.6	168 25.0	63 15.8
BACHELOR		172 36.2	63 21.9	17 21.8	34 20.2	19 30.6	305 28.5	175 26.0	130 32.6
MASTER'S		91 19.2	25 8.7	7 9.0	10 6.0	13 21.0	146 13.6	75 11.2	71 17.8
DOCTOR'S		29 6.1	2 0.7	10 12.8	3 1.8	2 3.2	46 4.3	18 2.7	28 7.0
OTHER		4 0.8	4 1.4	3 3.8	1 0.6	4 6.5	16 1.5	12 1.8	4 1.0
	COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 198.23228 WITH 28 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0
[b] RAW CHI SQUARE = 47.13667 WITH 7 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

TABLE B-5

WORK EXPERIENCE IN MAJOR FIELD
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

	COUNT / COL PCT	ORGSTRC [a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX [b] FEMALE	MALE
NO DATA		30 6.3	10 3.5	3 3.8	8 4.8	3 4.8	54 5.0	28 4.2	26 6.5
NO		286 60.2	198 68.8	55 70.5	104 61.9	35 56.5	678 63.3	436 64.9	242 60.7
YES-RT. NOW		34 7.2	31 10.8	10 12.8	29 17.3	7 11.3	111 10.4	60 8.9	51 12.8
YES- BEFORE		42 8.8	45 15.6	10 12.8	23 13.7	9 14.5	129 12.0	89 13.2	40 10.0
CAN'T ANSWER		83 17.5	4 1.4	0 0.0	4 2.4	8 12.9	99 9.2	59 8.8	40 10.0
	COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 97.91890 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
[b] RAW CHI SQUARE = 9.60912 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0476

APPENDIX C

TABLES RELATED TO SELECTED FACTORS WHICH MAY AFFECT COLLEGE SUCCESS

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TABLE C-1

CONCERN ABOUT COLLEGE EXPENSES
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

COUNT / COL PCT	IORGSTRC [a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX [b] FEMALE	MALE
NO DATA	4 0.8	4 1.4	1 1.3	3 1.8	0 0.0	12 1.1	6 0.9	6 1.5
NO	302 63.6	171 59.4	39 50.0	106 63.1	39 62.9	657 61.3	397 59.1	260 65.2
SOMEWHAT	129 27.2	81 28.1	29 37.2	45 26.8	19 30.6	303 28.3	200 29.8	103 25.8
YES-ASKD FOR AID	25 5.3	23 8.0	6 7.7	7 4.2	2 3.2	63 5.9	44 6.5	19 4.8
YES-DID NOT ASK	15 3.2	9 3.1	3 3.8	7 4.2	2 3.2	36 3.4	25 3.7	11 2.8
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 11.84012 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7549
[b] RAW CHI SQUARE = 5.77243 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2168

TABLE C-2

SOURCE(S) OF FINANCING FIRST YEAR OF COLLEGE
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

		JOB-SAVINGS		PARENTS RELATIVES		COLLEGE FIN. AID		GI.FICA BENEFITS		OTHER		TOTAL
LIB ARTS	252	53.0	251	52.8	44	9.2	40	8.4	12	2.5		599
BUSINESS	173	60.0	116	40.2	42	14.6	24	8.3	9	3.1		364
HEALTH	50	64.1	31	39.7	12	15.3	7	8.9	6	7.6		106
FS-HOTEL	94	55.9	78	46.4	17	10.1	12	7.1	6	3.5		207
PUB. SER												
UNCLASS.	43	59.8	21	33.8	1	1.6	3	4.8	4	6.4		72
TOTAL	612	57.1	497	46.4	116	10.8	86	8.0	37	3.4		1348

TABLE C-3

PRESENT EMPLOYMENT STATUS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

EMPLOYMENT STATUS / COUNT / COL PCT	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO DATA	25	11	3	8	2	49	26	23
	5.3	3.8	3.8	4.8	3.2	4.6	3.9	5.8
NO-NEVER WORKED	39	26	2	12	1	80	65	15
	8.2	9.0	2.6	7.1	1.6	7.5	9.7	3.8
NO-WORKED BEFORE	162	87	34	50	15	348	227	121
	34.1	30.2	43.6	29.8	24.2	32.5	33.8	30.3
YES - PARTTIME	190	112	23	78	26	429	265	164
	40.0	38.9	29.5	46.4	41.9	40.1	39.4	41.1
YES - FULLTIME	59	52	16	20	18	165	89	76
	12.4	18.1	20.5	11.9	29.0	15.4	13.2	19.0
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 31.58878 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0113
[b] RAW CHI SQUARE = 20.25139 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0004

ON OR OFF CAMPUS / COUNT / COL PCT	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO DATA	19	11	2	7	4	43	22	21
	7.6	6.7	5.1	7.1	9.1	7.2	6.2	8.8
PARTTIME ON CAM	3	2	1	2	0	8	8	0
	1.2	1.2	2.6	2.0	0.0	1.3	2.3	0.0
PARTTIME OFF CAM	171	102	21	72	24	390	240	150
	68.7	62.2	53.8	73.5	54.5	65.7	67.8	62.5
FULLTIME ON CAM	0	1	0	0	0	1	1	0
	0.0	0.6	0.0	0.0	0.0	0.2	0.3	0.0
FULLTIME OFF CAM	56	48	15	17	16	152	83	69
	22.5	29.3	38.5	17.3	36.4	25.6	23.4	28.8
COLUMN TOTAL	249	164	39	98	44	594	354	240
	41.9	27.6	6.6	16.5	7.4	100.0	59.6	40.4

[a] RAW CHI SQUARE = 16.75468 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4016
[b] RAW CHI SQUARE = 9.55511 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0486

TABLE C-4

APPROXIMATE HIGH SCHOOL GPA
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

	IORGSTRC [a]					ISEX [b]		
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLAS-SIFIED	ROW TOTAL	FEMALE	MALE
NO DATA	30 / 6.3	13 / 4.5	3 / 3.8	6 / 3.6	6 / 9.7	58 / 8.4	31 / 4.6	27 / 6.8
A ABOVE 3.5	19 / 4.0	19 / 6.6	11 / 14.1	5 / 3.0	3 / 4.8	57 / 5.3	50 / 7.4	7 / 1.8
B 3.0 - 3.5	155 / 32.6	117 / 40.6	41 / 52.6	54 / 32.1	24 / 38.7	391 / 36.5	268 / 39.9	123 / 30.8
C 2.0 - 2.9	229 / 48.2	114 / 39.6	21 / 26.9	87 / 51.8	20 / 32.3	471 / 44.0	268 / 39.9	203 / 50.9
D 1.0 - 1.9	11 / 2.3	4 / 1.4	0 / 0.0	1 / 0.6	2 / 3.2	18 / 1.7	5 / 0.7	13 / 3.3
NO IDEA	31 / 6.5	21 / 7.3	2 / 2.6	15 / 8.9	7 / 11.3	76 / 7.1	50 / 7.4	26 / 6.5
COLUMN TOTAL	475 / 44.4	288 / 26.9	78 / 7.3	168 / 15.7	62 / 5.8	1071 / 100.0	672 / 62.7	399 / 37.3

[a] RAW CHI SQUARE = 51.99652 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0001

[b] RAW CHI SQUARE = 39.57466 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

TABLE C-5

SELF-PERCEPTIONS REGARDING PREPARATION IN SELECTED AREAS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

	ORGSTRC [a]						SEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
MATH SKILLS								
NO DATA	39 8.2	18 6.3	4 5.1	17 10.1	10 16.1	88 8.2	48 7.1	40 10.0
NOT AT ALL	16 3.4	8 2.8	0 0.0	6 3.6	1 1.6	31 2.9	22 3.3	9 2.3
POORLY	106 22.3	49 17.0	8 10.3	35 20.8	13 21.0	211 19.7	143 21.3	68 17.0
ADEQUATELY	273 57.5	176 61.1	51 65.4	102 60.7	32 51.6	634 59.2	410 61.0	224 56.1
VERY WELL	41 8.6	37 12.8	15 19.2	8 4.8	6 9.7	107 10.0	49 7.3	58 14.5
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 33.46664 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0064
[b] RAW CHI SQUARE = 19.86499 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0005

	ORGSTRC [a]						SEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
READING								
NO DATA	38 8.0	18 6.3	4 5.1	18 10.7	9 14.5	87 8.1	49 7.3	38 9.5
NOT AT ALL	9 1.9	5 1.7	0 0.0	2 1.2	0 0.0	16 1.5	12 1.8	4 1.0
POORLY	68 14.3	44 15.3	1 1.3	18 10.7	6 9.7	137 12.8	75 11.2	62 15.5
ADEQUATELY	293 61.7	172 59.7	42 53.8	113 67.3	35 56.5	655 61.2	419 62.4	236 59.1
VERY WELL	67 14.1	49 17.0	31 39.7	17 10.1	12 19.4	176 16.4	117 17.4	59 14.8
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 54.67247 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000
[b] RAW CHI SQUARE = 7.78378 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0998

	ORGSTRC [a]						SEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
WRITING								
NO DATA	38 8.0	23 8.0	4 5.1	18 10.7	9 14.5	92 8.6	52 7.7	40 10.0
NOT AT ALL	11 2.3	3 1.0	0 0.0	1 0.6	0 0.0	15 1.4	12 1.8	3 0.8
POORLY	68 14.3	45 15.6	5 6.4	28 16.7	7 11.3	153 14.3	88 13.1	65 16.3
ADEQUATELY	305 64.2	179 62.2	48 61.5	104 61.9	35 56.5	671 62.7	429 63.8	242 60.7
VERY WELL	53 11.2	38 13.2	21 26.9	17 10.1	11 17.7	140 13.1	91 13.5	49 12.3
COLUMN TOTAL	475 44.4	288 26.9	78 7.3	168 15.7	62 5.8	1071 100.0	672 62.7	399 37.3

[a] RAW CHI SQUARE = 31.01303 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0134
[b] RAW CHI SQUARE = 5.93487 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2041

TABLE C-5 (continued)

	COUNT / COL PCT	IORGSTRC a/ LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX b/ FEMALE	MALE
SCIENCE									
NO DATA		46	23	4	20	10	103	60	43
		9.7	8.0	5.1	11.9	16.1	9.6	8.9	10.8
NOT AT ALL		19	15	0	9	1	44	36	8
		4.0	5.2	0.0	5.4	1.6	4.1	5.4	2.0
POORLY		109	79	8	42	20	258	184	74
		22.9	27.4	10.3	25.0	32.3	24.1	27.4	18.5
ADEQUATELY		272	153	62	93	26	606	366	240
		57.3	53.1	79.5	55.4	41.9	56.6	54.5	60.2
VERY WELL		29	18	4	4	5	60	26	34
		6.1	6.3	5.1	2.4	8.1	5.6	3.9	8.5
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

a/ RAW CHI SQUARE = 35.80655 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0031

b/ RAW CHI SQUARE = 26.95078 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

	COUNT / COL PCT	IORGSTRC a/ LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX b/ FEMALE	MALE
HISTORY SOCIAL STUDIES									
NO DATA		47	26	4	20	10	107	63	44
		9.9	9.0	5.1	11.9	16.1	10.0	9.4	11.0
NOT AT ALL		5	7	0	1	1	14	11	3
		1.1	2.4	0.0	0.6	1.6	1.3	1.6	0.8
POORLY		77	51	6	22	14	170	120	50
		16.2	17.7	7.7	13.1	22.6	15.9	17.9	12.5
ADEQUATELY		308	187	55	119	30	699	431	268
		64.8	64.9	70.5	70.8	48.4	65.3	64.1	67.2
VERY WELL		38	17	13	6	7	81	47	34
		8.0	5.9	16.7	3.6	11.3	7.6	7.0	8.5
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

a/ RAW CHI SQUARE = 34.55727 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0046

b/ RAW CHI SQUARE = 7.78267 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0999

	COUNT / COL PCT	IORGSTRC a/ LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	ISEX b/ FEMALE	MALE
JOB SKILLS									
NO DATA		50	26	5	22	11	114	68	46
		10.5	9.0	6.4	13.1	17.7	10.6	10.1	11.5
NOT AT ALL		9	12	1	1	0	23	14	9
		1.9	4.2	1.3	0.6	0.0	2.1	2.1	2.3
POORLY		51	21	7	13	2	94	61	33
		10.7	7.3	9.0	7.7	3.2	8.8	9.1	8.3
ADEQUATELY		284	175	53	105	36	655	423	232
		59.8	60.8	67.9	62.5	61.3	61.2	62.9	58.1
VERY WELL		81	54	12	27	11	185	106	79
		17.1	18.8	15.4	16.1	17.7	17.3	15.8	19.8
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

a/ RAW CHI SQUARE = 21.67313 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1541

b/ RAW CHI SQUARE = 3.98010 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4087

TABLE C-5 (continued)

MUSIC/ART	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO DATA	49	26	4	19	12	110	64	46
	10.3	9.0	5.1	11.3	19.4	10.3	9.5	11.5
NOT AT ALL	36	25	7	12	5	85	51	34
	7.6	8.7	9.0	7.1	8.1	7.9	7.6	8.5
POORLY	94	68	11	51	11	235	146	89
	19.8	23.6	14.1	30.4	17.7	21.9	21.7	22.3
ADEQUATELY	228	134	38	68	27	495	320	175
	48.0	46.5	48.7	40.5	43.5	46.2	47.6	43.9
VERY WELL	68	35	18	18	7	146	91	55
	14.3	12.2	23.1	10.7	11.3	13.6	13.5	13.8
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 26.35168 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0493

[b] RAW CHI SQUARE = 2.06863 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7231

STUDY HABITS	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO DATA	46	21	4	19	11	101	59	42
	9.7	7.3	5.1	11.3	17.7	9.4	8.8	10.5
NOT AT ALL	9	6	0	2	0	17	10	7
	1.9	2.1	0.0	1.2	0.0	1.6	1.5	1.8
POORLY	93	40	5	31	14	183	84	99
	19.6	13.9	6.4	18.5	22.6	17.1	12.5	24.8
ADEQUATELY	290	185	60	104	31	670	443	227
	61.1	64.2	76.9	61.9	50.0	62.6	65.9	56.9
VERY WELL	37	36	9	12	6	100	76	24
	7.8	12.5	11.5	7.1	9.7	9.3	11.3	6.0
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 31.21341 WITH 16 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0126

[b] RAW CHI SQUARE = 33.91124 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

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TABLE C-6

SELF-PERCEPTIONS REGARDING LIKELIHOOD OF SELECTED EVENTS
KAPIOLANI COMMUNITY COLLEGE
FALL 1979 ENTERING STUDENTS

		ORGSTRC [a]						SEX [b]	
	COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
ATTEND CLASSES REGULARLY									
NO		94	41	4	32	14	185	101	84
		19.8	14.2	5.1	19.0	22.6	17.3	15.0	21.1
YES		381	247	74	136	48	886	571	315
		80.2	85.8	94.9	81.0	77.4	82.7	85.0	78.9
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 13.60725 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0087

[b] CORRECTED CHI SQUARE = 5.94076 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0148
RAW CHI SQUARE = 6.35527 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0117

		ORGSTRC [a]						SEX [b]	
	COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
MAKE AT LEAST B AVERAGE									
NO		257	138	21	83	26	525	320	205
		54.1	47.9	26.9	49.4	41.9	49.0	47.6	51.4
YES		218	150	57	85	36	546	352	194
		45.9	52.1	73.1	50.6	58.1	51.0	52.4	48.6
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 21.55070 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0002

[b] CORRECTED CHI SQUARE = 1.26941 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.2599
RAW CHI SQUARE = 1.41584 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.2341

		ORGSTRC [a]						SEX [b]	
	COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
SATISFIED WITH KCC									
NO		277	132	18	88	34	549	324	225
		58.3	45.8	23.1	52.4	54.8	51.3	48.2	56.4
YES		198	156	60	80	28	522	348	174
		41.7	54.2	76.9	47.6	45.2	48.7	51.8	43.6
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 38.05936 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

[b] CORRECTED CHI SQUARE = 6.37624 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0116
RAW CHI SQUARE = 6.69952 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0096

		ORGSTRC [a]						SEX [b]	
	COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
GET DEGREE FROM KCC									
NO		324	142	14	84	51	615	355	260
		68.2	49.3	17.9	50.0	82.3	57.4	52.8	65.2
YES		151	146	64	84	11	456	317	139
		31.8	50.7	82.1	50.0	17.7	42.6	47.2	34.8
COLUMN TOTAL		475	288	78	168	62	1071	672	399
		44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 99.50983 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

[b] CORRECTED CHI SQUARE = 15.08094 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0001
RAW CHI SQUARE = 15.58146 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0001

TABLE C-6 (continued)

	IORGSTRC [a]						ISEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
TRANSFER TO ANOTHER COLL								
NO	240 / 50.5	234 / 81.3	65 / 83.3	138 / 82.1	41 / 66.1	718 / 67.0	481 / 71.6	237 / 59.4
YES	235 / 49.5	54 / 18.8	13 / 16.7	30 / 17.9	21 / 33.9	353 / 33.0	191 / 28.4	162 / 40.6
COLUMN TOTAL	475 / 44.4	288 / 26.9	78 / 7.3	168 / 15.7	62 / 5.8	1071 / 100.0	672 / 62.7	399 / 37.3

[a] RAW CHI SQUARE = 111.67728 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

[b] CORRECTED CHI SQUARE = 16.25867 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0001
RAW CHI SQUARE = 16.80530 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0000

	IORGSTRC [a]						ISEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
CHANGE MAJOR								
NO	387 / 81.5	268 / 93.1	77 / 98.7	153 / 91.1	54 / 87.1	939 / 87.7	583 / 86.8	356 / 89.2
YES	88 / 18.5	20 / 6.9	1 / 1.3	15 / 8.9	8 / 12.9	132 / 12.3	89 / 13.2	43 / 10.8
COLUMN TOTAL	475 / 44.4	288 / 26.9	78 / 7.3	168 / 15.7	62 / 5.8	1071 / 100.0	672 / 62.7	399 / 37.3

[a] RAW CHI SQUARE = 35.23538 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

[b] CORRECTED CHI SQUARE = 1.49109 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.2751
RAW CHI SQUARE = 1.41015 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.2350

	IORGSTRC [a]						ISEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
SEEK JOB COUNSELING								
NO	385 / 81.1	239 / 83.0	74 / 94.9	136 / 81.0	53 / 85.5	887 / 82.8	546 / 81.3	341 / 85.5
YES	90 / 18.9	49 / 17.0	4 / 5.1	32 / 19.0	9 / 14.5	184 / 17.2	126 / 18.8	58 / 14.5
COLUMN TOTAL	475 / 44.4	288 / 26.9	78 / 7.3	168 / 15.7	62 / 5.8	1071 / 100.0	672 / 62.7	399 / 37.3

[a] RAW CHI SQUARE = 9.73163 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0452

[b] CORRECTED CHI SQUARE = 2.83486 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0922
RAW CHI SQUARE = 3.12398 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0771

	IORGSTRC [a]						ISEX [b]	
COUNT / COL PCT	LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	FEMALE	MALE
NEED TUTORING								
NO	434 / 91.4	272 / 94.4	73 / 93.6	159 / 94.6	61 / 98.4	999 / 93.3	630 / 93.8	369 / 92.5
YES	41 / 8.6	16 / 5.6	5 / 6.4	9 / 5.4	1 / 1.6	72 / 6.7	42 / 6.3	30 / 7.5
COLUMN TOTAL	475 / 44.4	288 / 26.9	78 / 7.3	168 / 15.7	62 / 5.8	1071 / 100.0	672 / 62.7	399 / 37.3

[a] RAW CHI SQUARE = 6.47905 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1661

[b] CORRECTED CHI SQUARE = 0.45630 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.4994
RAW CHI SQUARE = 0.64271 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.4227

TABLE C-6 (continued)

DROP OUT TEMPORARILY	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO	472	287	78	167	61	1065	668	397
	99.4	99.7	100.0	99.4	98.4	99.4	99.4	99.5
YES	3	1	0	1	1	6	4	2
	0.6	0.3	0.0	0.6	1.6	0.6	0.6	0.5
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 1.95438 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7441

[b] CORRECTED CHI SQUARE = 0.0 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 1.0000
RAW CHI SQUARE = 0.03970 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.8421

FAIL ONE OR MORE COURSES	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO	471	285	78	168	61	1063	666	397
	99.2	99.0	100.0	100.0	98.4	99.3	99.1	99.5
YES	4	3	0	0	1	8	6	2
	0.8	1.0	0.0	0.0	1.6	0.7	0.9	0.5
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 2.87381 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5792

[b] CORRECTED CHI SQUARE = 0.12434 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.7244
RAW CHI SQUARE = 0.51785 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.4718

DROP OUT AFTER THIS SEMESTER	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO	474	287	78	168	62	1069	671	398
	99.8	99.7	100.0	100.0	100.0	99.8	99.9	99.7
YES	1	1	0	0	0	2	1	1
	0.2	0.3	0.0	0.0	0.0	0.2	0.1	0.3
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 0.98859 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9113

[b] CORRECTED CHI SQUARE = 0.0 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 1.0000
RAW CHI SQUARE = 0.13924 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.7090

FIND WORK IN MAJOR FIELD	ORGSTRC[a] LIBERAL ARTS	BUSINESS	HEALTH SCIENCE	FOOD - HOTEL	UNCLASSIFIED	ROW TOTAL	SEX[b] FEMALE	MALE
NO	330	154	21	94	48	647	383	264
	69.5	53.5	26.9	56.0	77.4	60.4	57.0	66.2
YES	145	134	57	74	14	424	289	135
	30.5	46.5	73.1	44.0	22.6	39.6	43.0	33.8
COLUMN TOTAL	475	288	78	168	62	1071	672	399
	44.4	26.9	7.3	15.7	5.8	100.0	62.7	37.3

[a] RAW CHI SQUARE = 67.58052 WITH 4 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

[b] CORRECTED CHI SQUARE = 8.42570 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0037
RAW CHI SQUARE = 8.80501 WITH 1 DEGREE OF FREEDOM. SIGNIFICANCE = 0.0030